PATENT APPLICATION DOCKET NO.: 2376.2136-002

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Richard C. Younce and Kenneth P. Laberteaux

Application No.:

10/779,830

Group:

2614

Filed:

February 17, 2004

Examiner:

Harold, Jefferey F.

Confirmation No.:

9150

For:

Echo Canceller Employing Dual-H Architecture Having Split

Adaptive Gain Settings

CERTIFICATE OF MAILING OR TRANSMISSION

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

| under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination). |
|--|
| under 37 CFR 1.97(c) together with either: a Statement under 37 CFR 1.97(e), as checked below, or a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first) |
| under 37 CFR 1.97(d) together with: a Statement under 37 CFR 1.97(e), as checked below, and a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee) |
| under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application file. (Filed after payment of issue fee) |

Statement Under 37 CFR 1.97(e)

| | Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or | | | | |
|-------------|---|--|--|--|--|
| | No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. | | | | |
| Staten | nent Under 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000 | | | | |
| | Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. | | | | |
| \boxtimes | Enclosed herewith is a Listing of References: | | | | |
| | A copy of the cited reference B1 is enclosed. | | | | |
| | Copies of issued U.S. patents and published U.S. applications are not required and are not being provided. | | | | |
| | Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [OPTIONAL [The earlier application contains copies of the cited references.] | | | | |
| | The listed references were cited in the enclosed International Search Report in a counterpart foreign application. | | | | |
| | The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by: | | | | |
| | the explanation provided on the attached sheet. | | | | |
| | the explanation provided in the Specification. | | | | |
| | submission of the enclosed International Search Report. | | | | |
| | submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. | | | | |
| | the enclosed English language abstract. | | | | |

| | | | | on-published pending applic erence - Do Not Scan" to the front of each | | | |
|------------------------|--|--|---------|---|-----------------------------|--|--|
| Examiner's Initials | | | | | | | |
| | | U.S. Patent Application | No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| | | U.S. Patent Application | No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| <u> </u> | | U.S. Patent Application | No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| | | Examiner | | Date | | | |
| | A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner. | | | | | | |
| | A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. | | | | | | |
| | | r is requested to return a core considered with the ne | | the above list of pending ap | plications indicating which | | |
| It is red | quested | that the information disc | losed h | erein be made of record in the | nis application. | | |
| Metho | d of pay | ment: | | | | | |
| \boxtimes | A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed. | | | | | | |
| | Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed. | | | | | | |
| \boxtimes | Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380. | | | | | | |
| | | | Respec | ctfully submitted, | | | |
| | | | HAMI | ILTON, BROOK, SMITH & | REYNOLDS, P.C. | | |
| | | | By | Mark B Polomo | | | |
| | | | | B. Solomon 7 ration No. 44,348 | | | |
| | | | Teleph | none: (978) 341-0036 | | | |
| | | | Facsin | nile: (978) 341-0136 | | | |

Concord, MA 01742-9133 Dated: 9/17/07

PATENT APPLICATION DOCKET NO.: 2376.2136-002

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| Aj | oplicants: | Richard C. Younce and Ke | nneth P. Laberteaux | | | |
| Aj | oplication No.: | 10/779,830 | Group: | 2614 | | |
| Fi | led: | February 17, 2004 | Examiner: | Harold, Jefferey F. | | |
| Co | onfirmation No.: | 9150 | | • | ٠ | |
| Fo | r: | Echo Canceller Employing Adaptive Gain Settings | Dual-H Architecture I | Having Split | | |
| | | I hereby certify that this correspond States Postal Service with sufficient penvelope addressed to Commissioner VA 22313-1450, or is being facsimile and Trademark Office on: 9-17-07 Date Jillian | ostage as First Class Mail in an for Patents, P.O. Box 1450, Alexa e transmitted to the United States Signature M. Kane f person signing certificate | United andria, Patent | | |
| Co P.0 | ail Stop Amendme mmissioner for Pa D. Box 1450 exandria, VA 223 | atents | | | | |
| Sir | : | | | | | |
| Th | is Information Dis | closure Statement is submitte | ed: | | | |
| | national stage in an i | R 1.97(b), or he following time periods: three months of international application; or before the maili a Request for Continued Examination). | filing national application (other to ng date of a first office action on | han a CPA) or date of entry of the the merits in a non-provisional applic | ation, | |
| | a State a \$180 | 2 1.97(c) together with either: ement under 37 CFR 1.97(e), 0.00 fee under 37 CFR 1.17(p e 37 CFR 1.97(b) time period, but before fin | as checked below, or), or | vhichever occurs first) | 9830 | |
| | a State a \$180 | 2 1.97(d) together with: ement under 37 CFR 1.97(e), 0.00 fee under 37 CFR 1.17(p er final action or notice of allowance, which |), or | | KABUI 00000054 10779830 | |
| | under 37 CFR | | | | KABUI | |

Applicant requests that the IDS and cited reference(s) be placed in the application file. (Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e) Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement Statement Under 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000 Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. \boxtimes Enclosed herewith is a Listing of References: \boxtimes A copy of the cited reference B1 is enclosed. X Copies of issued U.S. patents and published U.S. applications are not required and are not being provided. Copies of the cited references are enclosed except those entered in prior application, U.S.], to which priority under 35 U.S.C. 120 is claimed. [OPTIONAL [The Application No. [earlier application contains copies of the cited references.] The listed references were cited in the enclosed International Search Report in a counterpart foreign application. The "concise explanation" requirement (non-English references) for reference(s) [lunder 37 CFR 1.98(a)(3) is satisfied by: the explanation provided on the attached sheet. the explanation provided in the Specification. submission of the enclosed International Search Report. submission of the enclosed English-language version of a foreign Search Report

and/or foreign Office Action.

the enclosed English language abstract.

| | Applicant requests that the following non-published pending applications be considered: (Affix a label or apply the stamp "Non-Published IDS Reference - Do Not Scan" to the front of each unpublished pending appl'n.) | | | | | | | |
|--|---|--|-----------|--|-----------|----------------|---------|-------|
| Examiner's Initials | | | | | | | | |
| | | U.S. Patent Application | No. [|], by [inventor(s)], | filed [|], Docket N | o.: [|] |
| | | U.S. Patent Application | No. [|], by [inventor(s)], | filed [|], Docket N | o.: [| } |
| | | U.S. Patent Application | No. [|], by [inventor(s)], | filed [|], Docket N | o.: [| } |
| | | Examiner | | Date | | | · . | |
| | | A copy of each above-cexcept any application of the PTO's Image File W | filed on | or after June 30, 200 | 3, which | n has been sc | anned | |
| | A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. | | | | | | | |
| | | is requested to return a cre considered with the ne | | | ding app | olications ind | icating | which |
| It is red | quested | that the information disc | closed he | erein be made of rec | ord in th | is application | 1. | |
| Method | d of pay | ment: | | | | | | |
| \boxtimes | A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed. | | | | | | | |
| | Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed. | | | | | | | |
| Please charge any deficiency in fees and credit any over 0380. | | | | | ment to | Deposit Acco | ount 08 | }- |
| | | | Respec | tfully submitted, | | | | |
| | | | HAMI | LTON, BROOK, SN | MITH & | REYNOLDS | S, P.C. | |
| | | | By / | Mark B Pol |) | | | |
| | | • | Mark E | 3. Solomon | · . | | | |
| | | | _ | ration No. 44,348 one: (978) 341-0036 | 5 | | | |
| | | | - | ile: (978) 341-0136 | | | | |

Concord, MA 01742-9133 Dated: 9/17/07